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**NO FURTHER RESONSE ACTION PLANNED
DECISION DOCUMENT
FOR SITE 36**

BEALE AIR FORCE BASE

Prepared for:

9 CES/CEVR
6601 B Street
Beale AFB, California 95903-1708

Prepared by:

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April 2004

DECLARATION

SITE 36

Facility Identification

Beale Air Force Base (AFB), in the northern portion of the California Central Valley, is approximately 45 miles northeast of Sacramento and 10 miles west of the towns of Marysville and Yuba City. The base covers 23,999 acres and employs approximately 4,800 people. There are approximately 5,760 residents at the base, 2,560 of whom are active duty military personnel.

The installation was established in 1942 as an Army training camp. During World War II, Camp Beale was used as an Army induction center, personnel replacement depot, hospital, and prisoner of war encampment. Following the war, a portion of Camp Beale was converted into an Air Force training site and renamed Beale AFB in 1951. The base is now within the Air Combat Command, and its mission is to develop and maintain continuous peacetime global reconnaissance operations.

Site Identification

Site 36 is located in the south-central portion of Beale AFB, California, bounded by A and B Streets to the east and west and Warren Shingle Road and 12th Street to the north and south. A site location map and aerial photograph are provided as Figures 1-1 and 1-2, respectively.

Site 36 is the former location of a secured storage area (SSA), an armored tank maintenance shop (Area of Concern [AOC] 2), seven underground storage tanks (USTs), and a World War II electrical substation (AOC 23) located northwest of the site. The site is presently vacant and consists of predominantly unpaved, level terrain covered by annual grassland species.

Basis of the Remedial Action Plan

Information supporting the selected remedial action is provided in the following documents, which are contained in the Administrative Record:

- *Summary Closure Reports, Underground Storage Tank Field Summary, Environmental Remedial Action for Soil and Tank Removal*, May and July Submittals (Metcalf & Eddy, 1996).
- *Comments to Site Inspection Report for Fifty-One Areas of Concern, Beale AFB, California, June 30* (California Department of Toxic Substances Control [DTSC], 1997).
- *Underground Storage Tank Closure Letter, Beale Air Force Base, Yuba County* (Regional Water Quality Control Board, October 1998).
- *Preliminary Assessment for Site 36*, Final (Radian International, 1999).
- *Site Inspection Report for Site 36*, Final (URS Corporation, April 2004).

Description of the Selected Remedy

No further response action is necessary for the Site 36 soil and soil gas media at Beale AFB, California.

Declaration

The U.S. Air Force (USAF) recommends no further action for Site 36 soil and soil gas. The concentrations of volatile organic compounds (VOCs) detected in the soil and soil gas, and the total petroleum hydrocarbon (TPH) and inorganic constituents detected in the soil at Site 36 do not pose a risk to human health or ecological receptors at Site 36. This conclusion is based on the following:

- Results of a site inspection (SI) performed in 2003;
- Results of a Tier I risk screening evaluation, included in Appendix B of this No Further Response Action Planned (NFRAP) Decision Document.

Groundwater contamination was identified during the SI at Site 36; further investigation is warranted to determine the extent and source of that contamination.

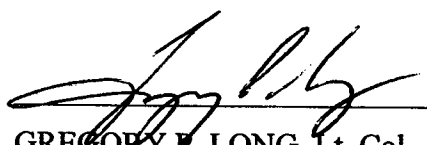
The USAF recommends no further response action for the soil and soil gas media at Site 36 based on the following rationale:

- Contaminants of potential concern (COPCs) were detected in only 3 of 12 soil gas samples collected during the 2003 SI. They were detected at concentrations less than investigation guideline (IG) levels used for comparison when determining whether additional investigation is warranted, indicating that Site 36 is not a contributing source to the VOC plume in groundwater.
- Concentrations of COPCs detected in soil samples were reported to be less than IG for TPH and VOCs. With the exception of aluminum, antimony, and selenium, the concentrations were less than the Beale AFB basewide background concentrations.
- Aluminum, antimony, and selenium were detected at concentrations that were only slightly higher than background in 1 of 12 soil samples, respectively, which is within the expected range of naturally occurring inorganic concentrations.
- Human health and ecological Tier 1 screening risk evaluation estimates indicate that the constituents detected in soil and soil gas at Site 36 do not pose potential risks to human health or ecological receptors.
- Groundwater contamination will be addressed as a component of the remedial investigation at adjacent Site 39.

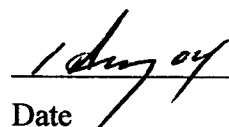
State regulatory agency concurrence with this decision has been received. Letters from the California RWQCB and the DTSC are included at the end of this decision document.

The selected remedy of no further response action was developed in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986, and the National Contingency Plan (NCP). The selected remedy also satisfies the requirements of the National Environmental Policy Act (NEPA) that apply to CERCLA response actions.

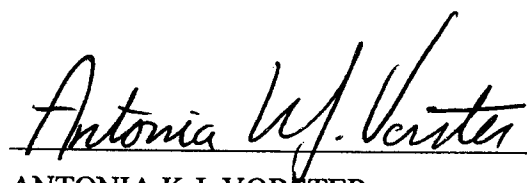
The selected remedy of no further response action is protective of human health and the environment, attains federal and state requirements that are applicable or relevant and appropriate, and is cost effective. The selected remedy is permanent, and the five-year review will not apply to this action.



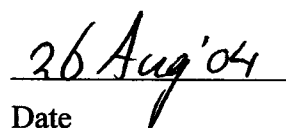
GREGORY P. LONG, Lt. Col., USAF
Base Civil Engineer




Date



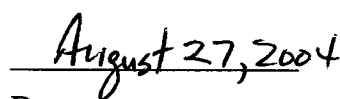
ANTONIA K.J. VORSTER
Chief, Site Cleanup Section
California Regional Water Quality Control Board
Central Valley Region



Date



ANTHONY J. LANDIS, P.E.
Chief, Northern California Operations
Office of Military Facilities
Site Mitigation Branch
Department of Toxic Substances Control



Date